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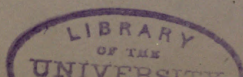
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JOHN W. AMERICAN

1878



M. A. L.

## PREFACE.

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IN undertaking this catalogue the compiler has not been actuated by any ambitious motives. He began this work immediately upon his appointment to office, and has only to regret now the unavoidable delay which has attended its publication. He fully realizes the many imperfections of the work—due in part to the manner of publication, but in a larger degree to inexperience—but still ventures to hope that he has, in some measure, at least, accomplished his desire to produce a work which shall be of great assistance to persons consulting this library. It will be seen that the work is divided into two parts: Part I. SYNTHETICAL: A., Catalogue of the Systematic Works; B., Catalogue of the Periodical Publications,—wherein these works are arranged in alphabetical order, according to their author or title, and without reference to subjects; and Part II., ANALYTICAL: wherein the Systematic Works and Periodical Publications are classified with reference to subjects. Part I. B. will be found to include a copious Index, in which have been inserted many abbreviated titles, under which some of the more prominent periodicals are at times quoted. Part II. will be found to include a copious Index, the typographical arrangement of which will indicate clearly whether the reference be to a general heading, a sub-heading, or otherwise. This characteristic applies also, and in a larger degree, to the Index in Part I., B.

JOHN F. MEYER,  
*Librarian.*





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PART I. SYNTHETICAL:

WHEREIN THE SYSTEMATIC WORKS AND PERIODICAL PUBLICATIONS ARE ARRANGED IN ALPHABETICAL ORDER,  
WITHOUT REFERENCE TO SUBJECTS.

A. SYSTEMATIC WORKS.

B. PERIODICAL PUBLICATIONS.







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- der Königl. Bayerischen Akademie der Wissenschaften. *See under Journals.*
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8vo. 512 pp. text, atlas folio, LXVII. plates. Paris, 1861.

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——— *Contemplations of God in the Kosmos*.

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——— *Contributions to the Natural History of the Acalephæ of North America*:

Part I. On the Naked-eyed Medusæ of the Shores of Massachusetts in their Perfect State of Developement,

96 pp., VIII. plates.

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——— Nomenclator Zoologicus continens Nomina Systematica Generum Animalium tam Viventium quam Fossilium.

3 vols. 4to. Soloduri, 1842–1847.

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——— Recherches sur les Poissons Fossiles.

5 vols. 4to. text; 5 vols. plates. Neuchatel, 1833–1843.

——— The Primitive Diversity and Number of Animals in Geological Times. 8vo. 16 pp. New-Haven, 1854.

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AGRICOLE, Georgii. De ortu et causis subterraneorum; De natura eorum quæ effluunt ex terra; De natura fossilium; De ueteribus et novis metallis. Bermannus, sive De re metallica Dialogus. Interpretatio Germanica nova rei metallicæ, addito Indice foecundissimo.

4to. 827 pp., III. plates. Basileæ, 1546.

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- Museum of Natural History. *See under Journals.*
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- Public Health Association. *See, under Journals, Reports of the.*
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- du Genie Civile. *See under Journals.*
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- of the Lyceum of Natural History in the City of New-York. *See under Journals.*
- of the Dudley Observatory. *See under Journals.*
- ANNÉE Scientifique et Industrielle. *See under Journals.*
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- A SERIES of Charts of the Freiburg Mining District, showing the location of Mines, the direction of lodes, &c. 5 charts.
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- ASSOCIATION of American Naturalists and Geologists. *See under Journals.*
- ASTRONOMICAL and Meteorological Observations made at the United States Naval Observatory. *See under Journals.*
- A SUMMARY of Statistics relating to Mining for 1867. (In Russian.) 8vo. 363 pp. St. Petersburg, 1867.
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- ATOMGEWICHTS Tabellen. Besonderer Abdruck aus Berzelius, Lehrbuch der Chemie. Vol. XXVII., Pamphlets. Octavo series. 8vo. 31 pp. 1845.
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- A Portfolio of VIII. Maps and Charts, illustrating the Isthmus of Tehuantepec. New-York, 1852.
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- Experiments Relating to the Alleged Influence of Color on the Radiation of Non-Luminous Heat. Vol. V., Pamphlets. Octavo series. 8vo. 13 pp.
- Notes and Diagrams illustrative of the Directions of the Forces acting at and near the surface of the Earth, in different parts of the Brunswick Tornado of June 19th, 1835. Vol. I., Pamphlets. Quarto series. 4to. 12 pp., II. diagrams. 1835.
- On the Diurnal Variation of the Horizontal Needle. Vol. IV., Pamphlets. Quarto series. 4to. 21 pp., III. plates. Philadelphia, 1833.
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- F. See Wood, G. B., and Bache, F.
- BACHELDER, Samuel. See Hayes, John L.
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REPORT

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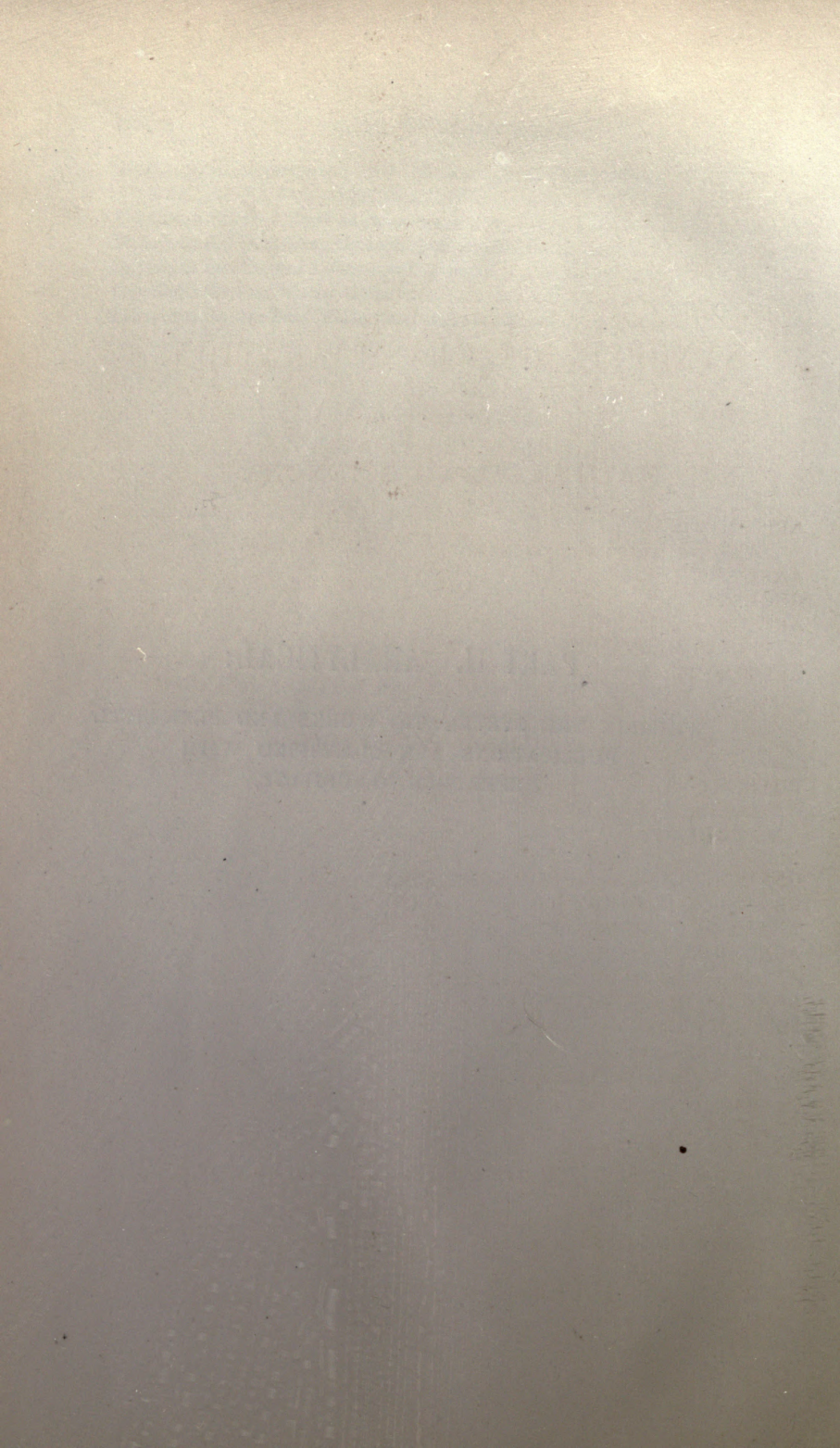


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## PART II. ANALYTICAL:

WHEREIN THE SYSTEMATIC WORKS AND PERIODICAL  
PUBLICATIONS ARE CLASSIFIED WITH  
REFERENCE TO SUBJECTS.





# SYNOPSIS OF CLASSIFICATION.

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## MATHEMATICAL SCIENCES.

### ARITHMETIC—

WEIGHTS, MEASURES AND COINS.

ANALYSIS.

GEOMETRY.

APPLIED GEOMETRY.

RATIONAL MECHANICS.

ASTRONOMY.

## NATURAL SCIENCES.

### PHYSICS--

SPECTRUM ANALYSIS.

MICROSCOPY.

GENERAL AND INORGANIC CHEMISTRY.

ORGANIC CHEMISTRY.

ANALYTICAL CHEMISTRY.

AGRICULTURAL CHEMISTRY.

ANIMAL AND MEDICAL CHEMISTRY.

CHEMICAL TECHNOLOGY.

### METALLURGY—

GENERALITIES.

FURNACES AND FUELS.

IRON.

STEEL.

GOLD AND SILVER.

COPPER, LEAD, TIN, NICKEL AND COBALT.

ASSAYING.

### NATURAL HISTORY—

AGRICULTURE.

BOTANY AND VEGETABLE PHYSIOLOGY.

GEOGRAPHY, PHYSICAL AND POLITICAL.

GEOLOGY AND GEOGNOSY.



## LOCAL GEOLOGY AND GEOGNOSY—

EUROPE, ASIA AND AUSTRALIA.

BRITISH AMERICA, MEXICO AND CENTRAL AMERICA.

THE UNITED STATES AND TERRITORIES.

## PALÆONTOLOGY.

## MINERALOGY—

DESCRIPTIVE MINERALOGY.

DETERMINATIVE MINERALOGY AND BLOWPIPE ANALYSIS.

CRYSTALLOGRAPHY.

DIAMONDS AND PRECIOUS STONES.

## ECONOMIC GEOLOGY.

## METEOROLOGY AND TERRESTRIAL MAGNETISM.

## ZOOLOGY AND ANIMAL PHYSIOLOGY.

## THE SCIENCES APPLIED TO ENGINEERING.

## CIVIL ENGINEERING.

## HYDRAULIC ENGINEERING AND MARITIME WORKS.

## MECHANICAL ENGINEERING.

THE STEAM ENGINE.

## MILITARY ENGINEERING.

## MINES AND MINING ENGINEERING.

## RAIL-ROAD ENGINEERING.

## INDUSTRIAL ARTS.

## INTERNATIONAL EXHIBITIONS—

CENTENNIAL CELEBRATION AT PHILADELPHIA, 1876.

EXHIBITION OF THE INDUSTRY OF ALL NATIONS, LONDON, 1851.

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Fifth " Cincinnati, 1851. " 1851.

Sixth " Albany, 1851. " 1852.

Seventh " Cleveland, 1853. *Cambridge*, 1856.

Eighteenth " Salem, 1869. " 1870.

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Twenty-third " Hartford, 1874. *Salem*, 1875.**THE QUARTERLY Journal of the Chemical Society of London.**

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Fifth " " Dublin, 1835.	" 1835.
Sixth " " Bristol, 1836.	" 1836.
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*See Periodical Publications, under General and Inorganic Chemistry, p. 227.*



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*See, also, Assaying; and Determinative Mineralogy and Blow Pipe Analysis.*

#### PERIODICAL PUBLICATIONS.

*See under General and Inorganic Chemistry, page 220.*



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*See, also, Periodical Publications under General and Inorganic Chemistry, p. 220.*

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- GARDNER, D. P. An Introductory Lecture on the Relations of Chemistry to the Vital Forces, delivered in the Philadelphia College of Medicine, Philadelphia, 1847. Vol. XXVIII., Pamphlets. Octavo series. 8vo. 11 pp. Philadelphia, 1848.
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- KLETZINSKY, Vicenz. Compendium der Biochemie. 8vo. 84 pp. Vienna, 1858.
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Supplemental Volumes, I., II., 1861 to 1863; III., (hefts, 1, 2,) 1864; V., VI., 1867 to 1868; VIII., 1872.

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# **JOURNAL de Pharmacie et de Chimie contenant les Travaux de la Société de Pharmacie, une Revue Medicale et une Revue des Travaux Chimiques publiés à l'Étranger.**

Third Series. Vol. XXVI., July to December, 1854.

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*See, also, Periodical Publications, under General and Inorganic Chemistry, p. 220.*



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*See under Metallurgy—Generalities, p. 262.*

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*See, also, Agricultural Chemistry, p. 245.  
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- See, also, Periodical Publications, p. 286.*

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